

**New Mexico Superfund Multi-Project Cooperative Agreement**  
**Assistance Agreement V-00F62201**  
**Quarterly Progress Report, October 1 to December 31, 2016**

**I. SUMMARY OF MULTI-PROJECT COOPERATIVE AGREEMENT ACTIVITIES**

Activities performed by the New Mexico Environment Department (NMED) in accordance with the Environmental Protection Agency (EPA) Multi-Project Cooperative Agreement (MPCA) pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) for the 1st quarter of Federal Fiscal Year (FFY)17 are detailed below. The approximate number of hours reported covers the time reported from October 1 to December 31, 2016. As reports for work hours are based on pay periods which do not always reflect the exact start and end of the quarter, the numbers are approximate. The following table provides estimates of staff time expended on MPCA program activities as follows:

Pre-Remedial Investigations	352	hours
Management Assistance	260	hours
Administration	645	hours
CORE Program	410	hours

All expenses provided in this quarterly report are based on expenditure reports obtained at the end of the reporting quarter. Any journal entries or other adjustments that are completed after the expenditure report run date are not reflected in this document. Journal entries and other adjustments are captured and reflected when draws are conducted. NMED's Administrative Services Division will submit signed copies of the Financial Status Reports directly to EPA.

Salaries and benefits for the administrative tasks (excluding CORE) were approximately \$27,387. Estimated salary and benefit amounts do not include indirect. Other operating expenses covered by the MPCA totaled approximately \$9,851. Costs associated with Pre-Remedial Investigations, Management Assistance and CORE activities are provided in each respective section.

**II. PRE-REMEDIAL INVESTIGATIONS**

During the 1<sup>st</sup> quarter of FFY17, Superfund Oversight Section (SOS) staff expended approximately 352 hours conducting work related to pre-remedial investigations, which may have included Pre-CERCLIS Screening Assessments (PCS), Preliminary Assessments (PAs), Site Inspections (SIs), Expanded Site Inspections (ESIs), Site Reassessments (SRs) and National Priority List (NPL) Packages. An estimated total amount of \$14,825 (salaries and benefits not including indirect) was expended on pre-remedial investigations during this quarter.

**A. Pre-CERCLIS Screening Assessments**

During the 1<sup>st</sup> quarter of FFY17, NMED staff expended approximately 3.5 hours on the following Pre-CERCLIS activities.

Raton 2<sup>nd</sup> and Troy:

Mr. Mark Garman performed a reconnaissance of the site on November 10, 2016 while in Raton on other business.

#### Farmington Tefteller:

Ms. Martyne Kieling made initial inquiries to the Oil Conservation Division of the New Mexico Energy, Minerals, and Natural Resources Department regarding regulatory status and operational status of the Tefteller business. A historic TCE release was identified at the Tefteller property. A Pre-CERCLIS Screening Assessment Report will be prepared for the site.

#### **B. Preliminary Assessments (PA)**

During the 1st quarter of FFY17, NMED staff expended approximately 6.5 hours on the following PA activities.

##### Pinos Altos Mining District

There was no activity this quarter.

##### Santa Fe River PCE:

There was no activity this quarter.

##### Spring Ditch – Taos

Mr. Angelo Ortelli prepared analytical results letters for well owners whose wells were sampled during the PA. The letters included laboratory data and ATSDR fact sheets.

##### USGS Study-Yale Well –Albuquerque:

There was no activity this quarter.

#### **C. Site Inspections (SI)**

During the 1<sup>st</sup> quarter of FFY17, NMED staff expended approximately 71 hours on SI activities.

##### Raton Hooter Brown

Mr. Sabino Rivera drafted a Site Inspection Work Plan for soil vapor and ground water sampling at the Site. Mr. Rivera also coordinated with the EPA Region 6 Laboratory and Site property owners regarding performance of the Site Inspection field work. Mr. Rivera and Mr. Mark Garman performed a site reconnaissance on November 10, 2016. The property owner unexpectedly declined property access in December 2016. The Site was referred from the Superfund Oversight Section back to the Remediation Oversight Section.

#### **D. Site Reassessments (SR)**

During the 1<sup>st</sup> quarter of FFY17, NMED staff expended approximately 185.5 hours on the following SR activities.

##### Main and Alameda Solvents Site, Las Cruces

Based on field work planning conference calls held with Mr. Angelo Ortelli, the EPA-SAM, Ms. LaDonna Turner, and EPA's contractor, Weston Solutions, Inc. (Weston), NMED-SOS was tasked with the passive soil gas (PSG) sampling activities, and provided property access coordination and support for

the indoor air (IA) and vapor intrusion (VI) sampling conducted by Weston. Mr. Steve Jetter and Mr. Ortelli installed ten PSG samplers on October 19 and 20, 2016. Four PSG samplers were installed in the sidewalk along the west side of Alameda Boulevard (north of the La Colonia Street intersection) and six PSG samplers were installed in the sidewalk along the east side of Main Street (north of the El Paseo Road intersection). Weston, with support from NMED's Mr. Ortelli and Mr. Sabino Rivera, installed nine IA canisters, eight ambient-air canisters, and six vapor-pin samplers from October 24 through 26, 2016. VI/IA samples were collected on the next day following the installations. Mr. Ray Montes (NMED-Remediation Oversight Section) provided field support for the retrieval and shipping of PSG samples to Beacon Environmental, Inc. on November 3, 2016.

#### West Central Avenue, Albuquerque

Ms. Martyne Kieling and Mr. Mark Garman gave a brief presentation on the WCA ESI soil vapor results to Ms. Brenda Cook EPA and Ms. Michelle Brown with Weston Solutions on December 8, 2016. The results and recommendations discussed included the discussion of placement of two groundwater monitor wells. On December 9, 2016, Ms. Kieling followed the presentation by providing Ms. Cook and Ms. Brown with an electronic copy of the November 2016, WCA ESI Report and a draft map of recommended monitor well placement locations.

### **E. Expanded Site Inspections (ESI)**

During the 1<sup>st</sup> quarter of FFY17, NMED Staff expended approximately 86 hours on the following ESI activities.

#### San Mateo Creek Basin

Mr. Mark Garman attended meetings with EPA and EMNRD regarding the EPA-Lead San Mateo Creek Basin Expanded Site Inspection and proposed NPL package. The meetings took place on October 19, 2016 and December 8 and 9, 2016. Mr. Angelo Ortelli conferred with Mr. John Rinehart of EPA regarding ground water sampling results and installation of ion-exchange treatment at a private domestic well within the Basin.

#### West Central Avenue, Albuquerque

Ms. Martyne Kieling received the West Central Avenue, Albuquerque (WCA) July 2016 Expanded Site Inspection (ESI) soil gas (SG) sampling event revised SG laboratory report from Ms. Christy Warren of the EPA Region 6 Laboratory on October 24, 2016. Ms. Kieling compared and compiled the TO-15 SG results with the field screen SG data from the FROG 4000<sup>™</sup>. Ms. Kieling incorporated the revised SG findings into the draft ESI Report. Mr. Sabino Rivera and Mr. Mark Garman provided technical review and comments to the draft WCA ESI Report. In November 2016, Ms. Kieling and Mr. Garman finalized the ESI Report with recommendations. The WCA ESI Report was submitted to Ms. Ladonna Turner of EPA Region 6 on November 22, 2016.

### **F. National Priority List (NPL) Package**

NMED staff did not perform activities related to the preparation of NPL packages during the 1<sup>st</sup> quarter of FFY17.

## **III. MANAGEMENT ASSISTANCE**

Staff expended approximately 260 hours resulting in an approximate expense of \$12,446 (not including indirect) for management assistance for New Mexico Superfund sites during the 1<sup>st</sup> quarter of FFY17. Activities performed are described in the following sections per site. There were no management

assistance contractual expenditures during this quarter.

In addition to the site specific activities identified below, staff may complete quarterly status reports, respond to requests for information, prepare management briefings on current site related activities and maintain site files and records for each of the following sites.

**A. AT&SF Albuquerque**

NMED staff spent approximately 1 hour conducting management assistance to EPA for the AT&SF Albuquerque site during this quarter of FFY17.

Mr. Allan Pasteris reviewed ATSF's Monthly Operational Reports for September, October and November.

**B. AT&SF Clovis**

NMED staff spent approximately 0 hours conducting management assistance to EPA for the AT&SF Clovis site during this quarter of FFY17.

**C. Cimarron Mining**

NMED staff performed the following operation and maintenance (O&M) activities for the Cimarron Mining site during this quarter of FFY17. This site is under O&M and is therefore 100% funded by the state. MPCA or other federal funds were not expended on O&M activities.

There was no activity this quarter.

**D. Cleveland Mill**

NMED staff expended approximately 4 hours performing management assistance activities for the Cleveland Mill site during this quarter of FFY17.

Mr. Allan Pasteris reviewed the Cleveland Mill 2016 Annual Report. Mr. Pasteris reviewed monitoring data for the previous five years and identified potential data gaps.

**E. Lea and West Second Street, Roswell**

NMED staff expended approximately 32 hours performing management assistance activities for the Lea and West Second Street, Roswell site during this quarter of FFY17.

Mr. Angelo Ortelli and Mr. Steve Jetter completed a technical review and provided comments on the Draft Technical Memorandum on Conceptual Understanding of the Site. Mr. Ortelli also reviewed the Draft Site Management Plan and Draft Site-Specific Health & Safety Plan. Technical review comments on these documents were submitted via email to EPA-RPMs, Ms. Ursula Lennox and Ms. Janet Brooks, on November 30, 2016.

**F. Lee Acres Landfill**

NMED staff expended 0 hours performing management assistance activities for the Lee Acres Landfill site during this quarter of FFY17.

## **G. Prewitt Refinery**

NMED staff spent approximately 2 hours conducting management assistance to EPA for the Prewitt site during this quarter of FFY17.

Ms. Martyne Kieling received the Unilateral Administrative Order, Docket Number 6-17-93 Soil Gas Study Validity Testing Report, Prewitt Superfund Site, Prewitt, New Mexico from Mr. Sai Appaji on December 9, 2016. Ms. Kieling reviewed the results and recommendations within the Soil Gas Study Validity Test Report and contacted Mr. Appaji via email with initial thoughts on the results and to schedule a time to discuss the findings.

## **H. South Valley**

This site consists of two operable units with separate billing codes. Work was completed for each operable unit, and time was allocated to the specific sites as follows.

### **GE/USAF Plant 83 Operable Unit (San Jose)**

NMED staff expended approximately 25 hours providing management assistance on the GE/USAF 83 Plant Operable Unit during this quarter of FFY17.

Mr. Pasteris reviewed and commented on the 2016 Remedial Action Closeout Report and Bibliography for the OU2 and OU5. Mr. Pasteris communicated comments to EPA by phone and e-mail. Mr. Pasteris also reviewed EPA's Closeout Report for OU 1. Mr. Pasteris reviewed monthly status reports for September, October and November.

### **Edmunds Street**

NMED staff expended approximately 0 hours providing management assistance on the Edmunds Street Operable Unit during this quarter of FFY17.

## **I. UNC – Church Rock Mill Site**

NMED staff expended approximately 18 hours providing management assistance to EPA for the United Nuclear Corporation (UNC) Church Rock Mill Site during this quarter of FFY17.

Mr. Steve Jetter, project manager for SOS, and Mr. Bill Pearson with NMED's Mining Environmental Compliance Section (MECS), performed oversight on the project during this quarter. Mr. Jetter was briefed by Mr. Pearson on the Annual meeting that was held at the end of September 2016. Mr. Steve Jetter and Mr. Pearson reviewed EPA's Final Consolidated Comments on 30% Remedial design and reviewed UNC's Response to Agency Comments on the 30% Remedial Design dated December 5, 2016. Mr. Jetter and Mr. Pearson also reviewed INTERA's Draft Environmental Data Gap Work Plan dated October 28, 2016 and the NECR Mine Site Removal Volume Estimate technical memorandum dated December 1, 2016.

## **J. Homestake Mining Company Superfund Site**

NMED staff performed the following activities for the Homestake Mining Company site during this quarter of FFY17. MPCA funds were not expended on these activities.

Mr. Angelo Ortelli participated in monthly status conference calls regarding the site.

**K. Cal West**

NMED staff did not conduct any management assistance activities for the Cal West site during this quarter of FFY17.

**L. Griggs & Walnut Ground Water Plume**

NMED staff performed approximately 5 hours of management assistance activities for the Griggs and Walnut Ground Water Plume site during this quarter of FFY17.

Mr. Angelo Ortelli participated in review and discussion of past costs and enforcement communication between EPA, DOJ, and NMED legal counsel.

**M. McGaffey & Main Ground Water Plume (Source Area Remedial Design, Remedial Action and MA)**

NMED staff expended approximately 6 hours performing management assistance on the Source Area remedial design and remedial action this quarter.

Mr. Allan Pasteris and Mr. Steve Jetter reviewed on EPA's Industrial NPDES Permit with the City of Roswell for potential discharge from the potential Source Area Ground Water pump and treat system.

**N. El Paso/Doña Ana County Metals Survey**

NMED staff did not conduct any management assistance activities for the El Paso/Dona Ana County Metals Survey site during this quarter of FFY17.

**O. Grants Chlorinated Solvents**

NMED staff expended approximately 22 hours performing management assistance activities for the Grants Chlorinated Solvents site during this quarter of FFY17.

Mr. Steve Jetter completed review of the 2015 Long Term Response Action report. Part of this review included review of the August 2015 Optimization Technical Memo in preparation for a conference call with EPA and CH2M to discuss the report. The conference call was held on November 18, 2016. Mr. Jetter also reviewed CH2M's technical memo regarding optimization of the planned 2017 injection event. This included review of historical groundwater data and plotting COC concentration trends onto plume maps in order to determine areas of successful ERD treatment and areas that have been recalcitrant to ERD treatment.

**Fruit Avenue Plume**

NMED staff expended approximately 93 hours performing management assistance activities related to Remedial Action implementation for the Fruit Avenue Plume site during this quarter of FFY17.

Mr. Sabino Rivera reviewed and provided comments on the draft Second Five Year Review, draft Feasibility Study Addendum and draft Monitored Natural Attenuation report. Mr. Rivera requested costs from the EPA RPM on Air Stripper Treatment Plant decommissioning and annual sampling costs. Mr. Rivera researched the Ground Water Use Moratorium for a consulting company. Mr. Rivera discussed decommissioning of the Air Stripper Treatment Plant with Mr. Frank Martinez of a local citizen's group. Mr. Steve Jetter reviewed the draft of EPA's Five Year Review report and provided comments on the

report. Mr. Jetter also reviewed and provided comments on the draft Feasibility Study (FS) Addendum report and discussed the report issues and concerns with Mr. Rivera and SOS program manager Mr. Mark Garman. This review included research of historical data, cross-sections and the recent MNA and annual groundwater monitoring reports in order to develop comments on the FS report.

#### **P. North Railroad Avenue Plume**

NMED did not expend time performing management assistance activities for the North Railroad Avenue Plume site during this quarter of FFY17. Activities were performed and reported under the site specific Assistance Agreement.

#### **Q. North East Church Rock Mine (NECR)**

NMED staff expended approximately 0 hours performing management assistance activities providing management assistance to EPA for the North East Church Rock Mine (NECR) site during this quarter of FFY17.

#### **R. Eagle Picher Care Free Batteries**

NMED staff expended approximately 52 hours performing management assistance activities related to EPA lead Remedial Investigation activities for the Eagle Picher Care Free Batteries site during this quarter of FFY17. Other activities for the Eagle Picher site associated with NMED's lead on the Remedial Design are provided in a separate site specific quarterly report.

Mr. Sabino Rivera reviewed correspondence from EPA to a property owner recommending a remediation system for indoor air vapor intrusion. Mr. Rivera reviewed the Remedial Investigation for the soil quantities affected by metal contamination in historical buildings and manufacturing plant. Mr. Rivera reviewed the Phase 2 soil gas sampling results and sampling locations. As an information request, Mr. Rivera provided copies of the Remedial Investigation, Feasibility Study, Record of Decision, and Ground Water Modeling Report to the New Mexico Bureau of Geology. Mr. Rivera contacted New Mexico Tech regarding irrigation of golf course. Mr. Rivera input data in to the Access data base. Mr. Rivera researched the Office of State Engineers WATERS database for irrigation wells in the vicinity of the Site.

### **IV. CORE PROGRAM**

Grants and Planning Section (GPS) staff conducted CORE Program activities under the Multi-Project Cooperative Agreement. Staff expended approximately 410 hours and an approximate amount of \$18,183 (not including indirect) on CORE Program activities during the 1<sup>st</sup> quarter of FFY17. Other operating expenses covered by CORE totaled approximately \$3,171. Activities performed are described below.

#### **A. Grant Management and Miscellaneous Administrative Activities**

Mr. Mark Garman, as Program Manager, continued with the managerial responsibilities of the Superfund Oversight Section during the 1st quarter of FFY17. Tasks associated with this position included regular communication with EPA staff, NMED management, SOS section staff, and bureau financial staff. Mr. Garman regularly updates expenditure projections and staffing workloads to communicate funding needs with EPA. Mr. Sabino Rivera and Ms. Martyne Kieling, with the assistance of staff, respond to information requests from the public and coordinates file review requests. Mr. Julian Silva handles administrative duties associated with the scheduling and payment of staff physicals, training, and acquisition of supplies.

Mr. Garman participated in discussions and meetings with EPA site assessment staff regarding site assessment activities, planning, status of deliverables, and site specific issues. Mr. Garman had

discussions with the EPA Site Assessment Manager (SAM), Ms. LaDonna Turner, regarding FFY16 and FFY17 deliverables.

Mr. Garman communicated with EPA Region 6 Superfund remedial staff regarding upcoming deadlines and project planning. Mr. Garman also coordinated and facilitated actions pertaining to sites, such as letters of concurrence, with NMED management.

Ms. Shannon Martin, Program Manager for the Grants and Planning Section, and members of her staff participated in meetings with the NMED's Budget Section regarding Superfund and Core budgets. The purpose of the meetings is to review budgets to ensure that expenditures do not exceed revenue, and determine if a request to EPA for additional funding is warranted. Ms. Angela Herrera, Ms. Yolanda Yara, and Ms. Melissa Perea performed daily tracking and financial activities in support of grant management.

## **B. Contracts**

General contract maintenance and reporting activities were performed by Grants and Planning staff during the 1<sup>st</sup> quarter of FFY17.

## **C. Training and Conferences; Other Employee-Related Expenditures**

Ms. Martyne Kieling and Mr. Mark Garman attended the required 4-hour defensive driving course on November 4, 2016.

## **D. Personnel**

There were no personnel changes within the Program.

## **E. Cost Recovery Unit**

There were no Superfund related cost packages prepared by NMED during the 1<sup>st</sup> quarter of FFY17.

## **F. Quality Assurance Program**

Both the SOS Quality Assurance Project Plan (QAPP) and GWQB Quality Management Plan remained in place during this quarter.

## **G. Progress Reporting**

The progress report for Assistance Agreement V-00F62201 for the 4<sup>th</sup> quarter of FFY16 was submitted to EPA on November 18, 2016. This report is the 17th quarterly report for V-00F62201.